OneCommand Manager for VMware vCenter Release Notes

Version: 1.6.9.0

Date: October 2013

Purpose and Contact Information

These release notes describe resolved known issues and current known issues associated with this OneCommand Manager™ for VMware vCenter (OCM for VMware vCenter) release.

For the latest product documentation, go to www.Emulex.com. If you have questions or require additional information, contact an authorized Emulex® technical support representative at tech.support@emulex.com, 800-854-7112 (US/Canada toll free), +1 714-885-3402 (US/International), or +44 1189-772929 (Europe, Middle East, and Africa).

Resolved Issues

1. **The BIOS and UEFI firmware versions are now displayed when a UCNA is using FRU data (Field Replaceable Unit), such as adapters with customized serial numbers.**
2. **When the adapter is in "switch independent mode," you can now change the LPVID of the adapter from the Channel Management tab.**
3. **Firmware files for the LPe1205 adapter model are now correctly shown as applicable to the LPe1205 adapter model, and firmware files for the LPe12002 adapter are now correctly shown as applicable to the LPe12002 adapter model.**
4. **Added support for the Emulex LPe16202, LPe16004, and LPe15004 adapters.**

   Note: Drivers and applications report the LPe16202 adapter as follows, depending on the mode in which the adapter is running:

   - FC mode: LPe16202
   - FCoE mode: OCe15100 FCoE
   - NIC mode: OCe15100 NIC

5. **Discovery of adapter ports, with SR-IOV enabled, succeeds if virtual functions with duplicate MAC addresses are found.**
6. **When the same iSCSI target is connected to multiple ports on the same host, LUNs are now discovered in OneCommand Manager for VMware vCenter.**

Known Issues

1. **The response time for OCM for VMware vCenter may be slow.**

   Workaround

   To achieve the best performance, Emulex recommends that the system(s) hosting the OCM for VMware plug-in be on the same network as the vCenter server with a minimal number of network hops.

2. **In Windows 7, using the OCM for VMware vCenter command line interface (CLI) audit commands shows irrelevant error messages.**

   For Windows 7, the C: disk is highly protected; even an administrator has limited privileges. For example, the contents in the "C:\Program Files\" directory have no write privileges or full control privileges.

   Workaround

   Do one of the following:

   - Assign your account write privileges and full control privileges to the "C:\Program Files \" directory.
   - Install OCM for VMware vCenter on another disk, such as D.

3. **For the iSCSI personality, the Target Portal tab is not available.**

   Workaround

   Use the vCenter client to login to iSCSI targets.

4. **For the NIC personality, IP attributes are not available.**

   Workaround

   None.

5. **Performing a dump command may fail if the WWPN is specified.**

   When performing a dump operation in the command line interface, using the "core" option and specifying an FC world-wide port name (WWPN) to indicate which adapter to dump, the command fails if the adapter is in a "down" state.

   Workaround

   When specifying parameters for the dump command, always use the MAC address for one of the NIC ports on the adapter.

6. **One or more hosts may not be discovered in the Cluster level view.**

   Workaround

   Ensure that the following conditions are met:

   - "CIM.Interaction" privilege is assigned to either the user or the user group.
   - No host in the cluster is in a "Not responding" state as shown in the VMware inventory tree.

     If unresponsive hosts are present, corrective action should be taken to bring them back to a stable state, or you must remove the unresponsive host from the inventory before starting any operations in OCM for VMware vCenter while in the cluster view.

7. **Discovery of adapter ports, with SR-IOV enabled, fails if virtual functions with duplicate MAC addresses are found.**

   Workaround

   None.

8. **Firmware update fails with MAL error when using on ESXi 5.1 inbox drivers.**

   Workaround

   Upgrade to the latest certified NIC driver.

9. **Link Up and Link Down events are not logged in Tasks/Events tab in OCM vCenter.**

   Workaround

   Close the existing vSphere session window and reopen a new session. The Link Up and Link Down events are updated.

10. **Adapter and Port discovery may fail on the ESXi hosts.**

    Workaround

    Check the size of the log files on the ESXi host under /tmp folder. If the log files are too big, truncate the file(s), restart the Small Footprint CIM Broker (SFCB) using the command "/etc/init.d/sfcbd-watchdog restart", and click “Refresh” in OneCommand Manager for VMware vCenter.

11. **Emulex OneCommand Manager for VMware vCenter fails to load within the vSphere client for Windows 2012.**

    Workaround

    None.

Technical Tips

1. **For OCM for VMware vCenter to support IPv6, the IPv6 protocol must be installed. To enable the IPv6 protocol in a Windows Server machine:**
   a) From the desktop, click **Start>Control Panel**.
   b) Double-click **Network Connections**. The Network Connections window is displayed.
   c) Right-click any local area connection, then select **Properties**. The Local Area Connection Properties window is displayed.
   d) Click **Install**. The Select Network Components window is displayed.
   e) In the Network Protocol list, select **Protocol** and click **Add**.
   f) Select Microsoft TCP/IP version 6 and click **OK**.

2. **Registering the OCM plug-in with the vCenter server fails with the error “User has no privileges”.**

   The user is not listed in the Datacenter. Follow these steps to ensure the user has the required privileges:
   a) In the vSphere console, select any parent node of the host or cluster in the inventory tree and click the **Permissions** tab.
   b) Right click and select **Add Permission**.

c) From the **Assigned Role** list in the right pane, select a role with the required privileges.

Refer to the *OCM for VMware User Manual* for the list of privileges required. Refer to the *VMware vCenter Manual* for more information on role management.

d) From the Users and Groups section on the left, click **Add**. The Assign Permissions window is displayed.

e) On the Assign Permissions window, select the user or the group to which the user belongs and click **Add**.

f) Click **OK** to exit the Assign Permissions window.

g) Register the plug-in.

3. If the Emulex OneCommand plug-in tab in the vSphere console shows "Loading…" or is blank, do the following:

a) Right click and check whether the message “Movie not loaded” is present in the context menu.

b) If the message is present and you are using an IE browser, click **Tools>Internet Options**.

c) Click the **Advanced** tab.

d) From the Security list, clear the **Do not save encrypted pages to disk** checkbox.

e) Restart the vSphere Console.

4. To view online help using the Google Chrome browser, you must disable Chrome's security check using the "--allow-file-access-from-files" option.

a) Create a copy of the Chrome shortcut on the desktop and rename it to RH Chrome Local (or something similar).

b) Right-click on the new Chrome icon and select **Properties**.

c) Add the text "--allow-file-access-from-files" to the end of the path appearing in Target. You must leave a space between the original string and the tag you are adding.

d) Click **OK** to save your settings.

e) Close any open instances of Chrome.

f) To open a local copy of the online help, use the new shortcut to open Chrome, press **<Ctrl + Open>**, and browse to the start page. Alternatively, open Chrome with the new shortcut, right-click the start page and click **Open With > Google Chrome**.

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